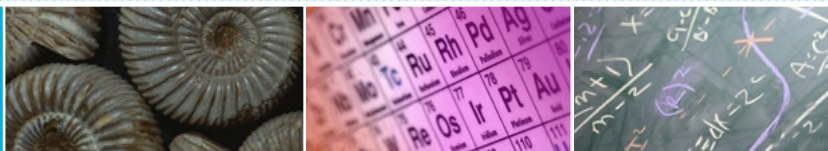


MSP

Math and Science Partnership Program Impact Report

Strengthening America by advancing academic achievement in mathematics and science

FACT SHEET

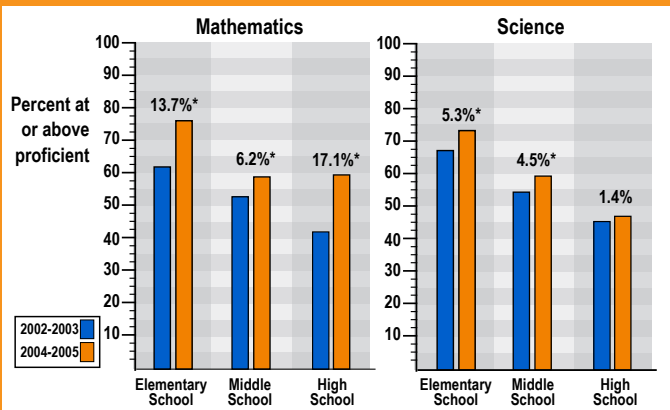


✓ Growing Impact with Education Partners Nationwide

Since 2002, the National Science Foundation's (NSF) Math and Science Partnership (MSP) program has funded a variety of partnerships to strengthen and reform mathematics and science education in the United States. The 52 partnerships funded to date unite some 150 institutions of higher education with more than 550 school districts, including more than 3,300 schools, in 30 states and Puerto Rico. More than 70 businesses, numerous state departments of education, informal science organizations and community-based organizations are also partners.

✓ Evidence of Improved Student Proficiency in Math and Science

A key feature of the MSP program is its emphasis on challenging courses and curricula for all students in mathematics and the sciences. The most recent analysis of 123 schools participating in the MSP program shows improvements in student proficiency in mathematics and science at the elementary, middle and high school levels over a 3-year period.



* denotes a statistically significant change at the 0.05 level (i.e., 1 in 20 chance the change results from random chance).

✓ Commitment to Teacher Development



Partnerships in the MSP program are expected to impact more than 141,500 teachers of mathematics and/or science. In academic year 2004-05, more than 30,000 teachers participated in MSP professional development designed to deepen and expand their expertise.

✓ Dedicated to Providing New Tools and Strategies for Better K-12 Education

A unique component of the MSP program is the development of tools to make the partnerships' work more strategic, build evaluation capacity, and conduct focused research. MSP also emphasizes K-16 alignment as an important strategy for improving K-12 education.



✓ NSF Stewardship

One of NSF's investment priorities is to build strong foundations and foster innovation to improve K-12 teaching, learning and evaluation in science and mathematics. The MSP program has matured into a learning organization within NSF and contributes to understanding the effectiveness of future federal investment in mathematics and science education.



National Science Foundation's MSP Program: www.nsf.gov/ehr/MSP/
MSPnet: An Electronic Community of Practice Facilitating Communications and Collaboration: <http://hub.mspnet.org/>



Directorate for Education and Human Resources
National Science Foundation

